

ABSTRACT OF THE DISCLOSURE

A pseudo signal may be sometimes generated while obtaining a luminance signal.

An image signal processing apparatus comprises an image capturing element 1 which performs image capturing while utilizing a plurality types of color filters which are arranged based on repetition of a pattern determined in advance, a color change detecting part 15 which detects a color change regarding the result of the image capturing while considering the pattern, and an adder 19 and a core processing part 20 which generate a luminance signal regarding the result of the image capturing based on the result of color change detection.